-: INTERESTING FACTS ABOUT :-

# Chisel-Tooth Saws

# FOR MILLMEN AND SAWYERS

## R. HOE & CO.

504 Grand Street :-: :-: NEW YORK

R. HOE & CO.
NEW YORK
PATENT
CHISEL TOOTH SAW
PATENTED
OCT. 9 1866
SEPT. 1 1868
MAY 19 1874
OCT. 5 1875
DEC. 17 1878

Office of R. HOE & CO., 504 Grand Street,
New York, November, 1891.

TO MILLMEN:

We are constantly receiving so many commendatory letters from Millmen and Sawyers throughout the country regarding the working of our CELEBRATED PATENT CHISEL-TOOTH SAW, that we are tempted to publish a few from time to time, believing they will be of interest to those unfamiliar with the working of this saw. The few here presented are but samples of those coming by nearly every mail, unsolicited, and it will afford us pleasure to furnish others on application.

Having in use the latest and most improved machinery, with our extensive plant, and an experience of over half a century in the manufacture of saws, we are able to supply a superior article at the lowest possible price consistent with good workmanship and material.

We will gladly quote prices or answer any inquiries made.

Very respectfully,

R. HOE & CO.

## "WORKING BEAUTIFULLY."

August 6th, 1891.

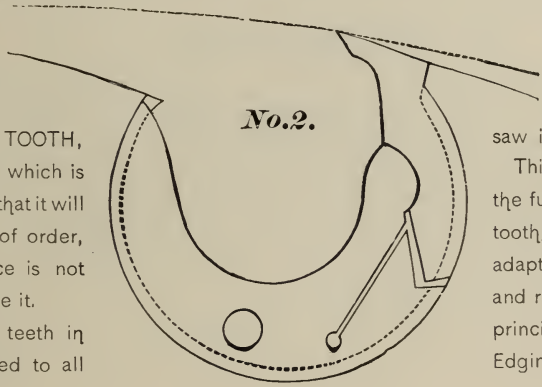
From Mr. GEORGE E. BURT,

Waverly, Va.

The 58-inch and 24-inch HOE CHISEL-TOOTH SAWS which you sold me last fall are working beautifully; the larger one on 4 and 5-inch feed on our hard pine, which is no small test for a 7×8 gauge saw. The smaller saw, which is used for bolting for our lath mill, is also "A I," and the best we have ever run for the purpose. Mr. Niblet, my foreman in charge of mill where the bolter is run, said to me yesterday that if he could not get another he would not take $100 for it. Both of your saws cut easier, truer and take less time to keep in order than others we have had, and we have used several other makes of saws.

This cut gives a good idea of the shape of our CELEBRATED CHISEL TOOTH, and of its simplicity, which is in itself a guarantee that it will not readily get out of order, and that experience is not necessary to manage it.

We make these teeth in several sizes, adapted to all kinds of work and conditions of sawing, and every saw is fully warranted.




This illustration shows the full size of the No. 2 tooth, which is especially adapted to Edger Saws, and recommended by the principal manufacturers of Edging Machines.

## NOTHING EQUALS IT.

DALLAS, PA., December 23d, 1890.

Messrs. R. HOE & CO., New York.

Gentlemen: We have a 56-inch CHISEL-TOOTH SAW, 7x8 gauge, 36 No. 4 teeth, which has been running constantly since December, 1881, in all kinds of timber, on 2 1-2-inch feed. We average about one-half million a year. Saw has never been hammered since we got it, and is as good to-day as when new. We have just purchased a new set of shanks—the first we have had since we got the saw. The old shanks will do yet for summer sawing.

Our Edger is also your CHISEL-TOOTH. We would not use anything else, and don't believe their equal is made outside of your shop.

Very truly yours,

RYMAN & SHAVER.

## FROM THE "RAILWAY NEWS," APRIL, 1890.

"The inserted-tooth saw is something to which many men of brains have given much careful thought. It has been the subject of many patents and much contention. All have conceded that simplicity should be the first element in its construction—something that could be grasped by the commonest minds, but would still have the rigidity of a solid saw. Still again, it was sought to save labor, for time to the sawyer means money. After many years of patient study and experiment the CHISEL-TOOTH SAW was put on the market by Messrs. R. HOE & CO. It was not the highly perfected saw of to-day made by them, but millmen were rapid to see its good points, and orders began to pour in for it far beyond their facilities for production. Through the past fifteen years, during which time it has had the severest tests, its sale has been steadily on the increase, until at the present day there is hardly a sawyer on the continent who does not know of the HOE CHISEL-TOOTH SAW."

## "THE CHAMPION."

TALLADEGA, ALA., November 17th 1890.

Messrs. R. HOE & CO., New York.

Gentlemen: Enclosed you will find $———, amount for the best saw I ever put on a mandrel, being in the business twenty-two years, and doing all my own sawing during this time. I would not take double the amount that I paid for it and do without one of your "CHAMPION" CHISEL-TOOTH SAWS. You are right about the 30 teeth standing a three-inch feed. It does it much better than the solid-tooth I took off the mandrel to put yours on, with 50 teeth. The money is not yet due, but you have earned it and I have value received, consequently I can not hold it.

Yours respectfully,

C. G. ALMAND.

## SPECIAL FEATURES
## WHICH RECOMMEND OUR CHISEL-TOOTH SAWS.

They are made from the best English cast-steel.

The quality and finish are unsurpassed.

No experience is necessary in order to run them successfully.

The care necessary to keep them in order is reduced to the minimum.

It is the most practical, simplest and strongest device ever invented for the purpose.

They are equally well adapted for the hardest or softest kinds of woods, either frozen or otherwise.

They run with less power, and make smoother lumber at a smaller cost, than any other saw manufactured.

## "RUNS LIGHTER THAN ANY OTHER."

BRINKLEY, ARK., November 20th, 1890.

Messrs. R. HOE & Co., New York.

GENTLEMEN: The 58-inch, No. 2 1-2 CHISEL-TOOTH SAW you sold me about one year since has given entire satisfaction, and I have given your agent an order for two 54-inch saws of the same description. The 58-inch referred to makes the best of lumber, runs lighter than any other saw I have ever used, and will, I believe, increase the output of my mill.

Respectfully yours,

BRINKLEY CAR WORKS & MFG. CO.,

By O. M. NORMAN, Pres't.

## CAUTION.

The WONDERFUL SUCCESS of our justly celebrated CHISEL-TOOTH SAW has brought into the market many cheap and inferior imitations, which last but a short time, and are a source of constant annoyance and expense.

In buying a saw, therefore, see that you get the "HOE CHISEL-TOOTH," the original and only satisfactory inserted-tooth saw, thus ensuring the best results and avoiding all expensive alterations and repairs.

## A POOR ARTICLE IS DEAR AT ANY PRICE.

We make a specialty of altering saws of other manufacture, inserting our chisel teeth, and will gladly furnish estimate on application.

## UNEQUALED FOR FROZEN TIMBER.

ORFORDVILLE, N. H., November 11th, 1890.

Messrs. R. HOE & Co., New York.

GENTLEMEN: We have had one of your CHISEL-TOOTH SAWS, 52-inch, 7 x 8 gauge, 36 teeth, which has run constantly since we got it two years ago, on three-inch feed in summer and two-inch when the logs are frozen.

We have sawed about three million feet of hard and soft lumber with it and can see no change in its running. It is now, and always has been, the best saw of our experience, ESPECIALLY IN FROZEN TIMBER.

HALE & LAMPREY.

## INSERTING CHISEL TEETH IN OLD SAWS.

We have special facilities for inserting our chisel teeth in old saws. To do this the plate is brought down to a perfect circle and new sockets cut in, which reduces the diameter from two to three inches.

Send on your old saws and write stating the kind of work you wish to do and we will guarantee satisfaction, submitting in advance an estimate of just what the cost will be.

When forwarding saws to be made over or for repairs, the case should not only be marked with our NAME AND ADDRESS, but ALSO THAT OF THE SHIPPER.

We also have unexceptional facilities for making repairs of all kinds in the most satisfactory and expeditious manner.

## "THE BEST SAW IN MARKET."

St. Albans, W. Va., June 6th, 1891.

Messrs. R. HOE & CO., New York.

Dear Sirs: I have used your CHISEL-TOOTH SAWS for about ten years in poplar, oak, walnut, ash, and all kinds of hard wood, and I am pleased to say that I consider them without exception THE BEST SAW IN THE MARKET TO-DAY. Other inserted-tooth saws made by competing houses of good reputation have been tried by me and run alongside your saws, but have never equaled them for durability, easy running, and general economy. Accept my best wishes.

Very truly yours,

W. F. BURTON.

## A WORD REGARDING THE No. 2½ TOOTH.

Startling improvements in saw mill machinery during the last few years, all tending to increase the out-put of the mill, and as a consequence, the increasing of the feed, rendered necessary a saw superior to anything formerly produced, capable of standing the heavy strain to which a saw would be subjected under these conditions.

After considerable expenditure of time and money in experiments, we were at last enabled to combine with the good points of our already famous CHISEL-TOOTH SAW, the improvements suggested by fifteen years of successful use, forming our now well-known No. 2 1-2 saw.

This saw, although but two years old, has achieved a phenomenal success; taxing even our greatly increased facilities to supply the demand. We heartily commend it to the millman who wishes to do more work than our No. 3 or 4 tooth is capable of.

## "ALL WE CLAIM."

KINGSLAND, ARK., November 15th, 1890.

Messrs. R. HOE & Co., New York.

GENTLEMEN: Enclosed you will find an order for one of your patent CHISEL-TOOTH SAWS, 54-inch, 9×9 gauge. This saw is for a neighbor of mine, who, on seeing how perfectly satisfactory the one I have has always proven, wished me to order one for him. My saw has never given me one moment's trouble, makes the best of lumber, runs lighter than any other saw I have ever used, and is in every way all that you claim for it. I will willingly testify to its good merits.

Respectfully yours,

S. A. GRAVES.

## FACTS ABOUT OUR CHISEL-TOOTH SAWS.

Over 20,000 are now in use.

Every one is fully warranted.

They save their cost in a short time.

Are always ready for use.

No annoying delays waiting for saws to be gummed.

They cut all kinds of lumber, on the smallest or the largest feed.

To insert new teeth is the work of but a few minutes, and the saw need never be taken from the mandrel.

## "ONE MILLION FEET WITH FIVE HUNDRED BITS."

BARRINGTON, N. H., October 19th, 1891.

Messrs. R. HOE & Co., New York.

GENTLEMEN: Please send to Crowell & Austin, Barrington, N. H., by express, as soon as possible, 500 No. 3 teeth, 9-32 inch, to fit the saw you sent us last winter; also one dozen files suitable for filing the same. I thought we had, or ought to have, teeth enough to last some time, and was surprised when our sawyer said there was only one set left in the box; but upon looking over accounts I find that we have already sawed over one million feet of mostly inch boards, of all kinds, with the 500 teeth you sent us, which I think is doing very well. I hope the new teeth will come along before those we have are used up, for we cannot afford to run any of our other saws a single day.

Very respectfully,

J. C. CROWELL

## DO YOUR SAWS "STAND UP?"

PITTSBURGH, PA., February 5th, 1891.

Messrs. R. HOE & CO., New York.

GENTLEMEN: In justice to you and in evidence of my appreciation of the value of your manufacture of saws, would say, that the saw recently returned from having been repaired, has within a day or two done excellent and efficient work. I sawed three oak logs 24 x 30 inches and 50 feet long, which squared 22 x 24 inches by 50 feet when finished, and one hickory log that sawed 20 x 24 inches by 63 feet long, all with full three inch feed. The saw "stood up" to its work splendidly, and it is a source of satisfaction, I am sure, to you, to produce blades of this description, and I to own one. I make a specialty of this kind of timber, and it must be the very best of saws that can stand the usage.

Yours have demonstrated their superiority both for this and other work.

Very truly yours,

ALEX. McCLURE.

## EXCELLENT SATISFACTION.

AUGUSTA, GA., March 6th, 1891.

Messrs. R. HOE & Co., New York.

GENTLEMEN: Enclosed we hand you check covering invoice February 20th, for a No. 2 1-2 CHISEL-TOOTH SAW. We are glad to report that the saw works splendidly. We are well pleased with it.

We will forward you from Munnerlyn an old shingle saw with collar attached. We wish you to make a new saw, 40 inches in diameter, and fit it to this collar. . . .

You have given us such excellent satisfaction on the saw just received, we have decided to adopt your saws for our shingle machines, and trust you will be able to send us as good a saw for the purpose intended as the one just received.

Yours truly,

BEAVER DAM LUMBER CO.,

By H. C. PERKINS, President.

## "IT DOES FINE WORK."

GRANVILLE, VT., November 4th, 1891.

Messrs. R. HOE & CO., New York.

GENTLEMEN: Enclosed please find check on First National Bank of Montpelier for ——— to balance our account.

We have tried the saw and IT DOES FINE WORK. We are very much pleased with it.

Yours truly,

D. D. HEMENWAY.

From Messrs. GODDARD & MANNING, March 9th, 1891.

Athol, Mass.

Enclosed we hand check for amount of bill. THE SAWS WORK NICELY. You will get an order for more soon.

## STILL AHEAD.

October 26th, 1891.

From Mr. L. I. HOLLOWAY,
Newark, Md.

The 60 inch saw I bought of you works very good. It has 70 teeth, and with 72 teeth I sawed two hundred thousand feet of pine boards. I think that is good work for one set of bits.

July 7th, 1890.

From Mr. J. E. CHASE,
Poplar, Douglas Co., Wis.

The new HOE CHISEL-TOOTH SAW works nicely. We have cut 1,300,000 feet with the 400 bits that came with the saw.

(This refers to a 50-inch CHISEL-TOOTH SAW, 7 x 9 gauge, with 40 No. 3 teeth.)

## "10,000 FEET PER DAY FOR EIGHT YEARS."

HAMPDEN, C. H., S. C., April 20th, 1891.

Messrs. R. HOE & Co., New York.

GENTLEMEN: We have one of your CHISEL-TOOTH SAWS, 50 inches in diameter, 6x7 gauge, 30 No. 4 teeth, which has been in use continuously for eight years, averaging about 10,000 feet per day. It has never given us any trouble and is as good as new to-day. We consider it ahead of any saw we have ever seen or heard of.

Yours very truly,

MAULDIN & SON.

From Mr. R. B. DACY,

Whatley, Ala.

Your Patent CHISEL-TOOTH SAW is the best I have ever used.

## WONDERFUL WORK.

January 19th, 1891.

From Messrs. HYATT & CORNISH,
Pelican Rapids, Otter Tail Co., Minn.

The CHISEL-TOOTH SAW sent us is a "daisy." We like it very much. Enclosed find check.

February 24th, 1891.

From Mr. D. L. LONG,
Smith's Mill, Minn.

The 50-inch CHISEL-TOOTH SAW bought of you is a "howling success." I am more than pleased with it.

## FORTY YEARS WITHOUT A FAILURE.

March 1st, 1891.

From Mr. SILAS MASON,
Heartwellville, Vt.

I have run R. HOE & Co's large mill saws forty years without a single failure of any kind. I am not paid for the above, but give it to any mill friends for its value.

June 17th, 1891.

From the AUGUSTA LUMBER Co.,
Augusta, Me.

THE NEW SAW WORKS FINELY. We think it is the best one we have ever had, in our sixteen years' experience.

## LESS POWER REQUIRED.

August 17th, 1891.

From Messrs. GEO. LYNCH & SONS,
Sterling Run, Cameron Co., Pa.

We have received the Edger Saws and put them to work. They run with less power than the old ones.

May 12th, 1890.

From Mr. WILLIAM W. WILLIAMS,
South Reading, Windsor Co., Vt.

Please send me by mail order as follows. . . . . I must say that I think this saw ahead of any saw I have ever used, both for good work and less power required to run it.

## ARE YOU CONVINCED?

April 10th, 1891.

From Messrs. T. W. GARBUTT & Co.,
Spann, Ga.

We are well pleased with the CHISEL-TOOTH SAWS. One set of bits cut over one hundred and fifty thousand feet of lumber.

August 26th, 1891.

From Mr. J. P. RHODES,
Benson Mines, N. Y.

I moved my plant to Benson Mines this Spring and desire to trade with you in the saw line, for your saws give great satisfaction; the only saw I ever had that would stand in hard wood.

## SPLENDID RESULTS.

February 2d, 1891.

From Mr. T. B. MARSTON,
Lebanon, N. H.

Please send me 300 more 9-32 inch bits as soon as possible. The saw is No. 3, 7 gauge, No. 16,569. I have run it over two years and I think it runs just as well as when I first put it on. I have sawed over 3,000,000 feet in that time.

August 3d, 1891.

From Mr. G. W. RICHARDSON,
Cove, N. C.

The CHISEL-TOOTH SAW gives entire satisfaction. Wish I had bought one when I first bought a saw mill.

## NOTHING BETTER.

February 16th, 1891.

From Mr. W. A. HARRISON,

Sweet Grass, Mont.

I will place my orders with you when I need anything in your line. The CHISEL-TOOTH SAW has given the best of satisfaction.

January 19th, 1891.

From Mr. JOHN F. GUYTON,

Guyton, Miss.

I am well pleased with the CHISEL-TOOTH SAW. Can't see how a saw could do better.

## FINALLY.

After reading this little book, look over your saws, and if you find that another could be used to advantage, write an order for one of our celebrated CHISEL-TOOTH SAWS. After trying it, you will wonder why you never before thought of getting one. If you have just bought a new Solid Saw, don't hesitate or wait until it is worn out, but send it to us and have Chisel Teeth inserted. It will soon pay for itself in time saved swaging and filing, besides always being in better condition than you could possibly put a Solid Saw, no matter how expert you may be in "dressing."

We shall be glad to answer all questions or to advise on any point concerning which you may be in doubt.

Very respectfully,

R. HOE & CO.,
504 GRAND STREET, NEW YORK.

# DO YOU RUN AN EDGER?

IF SO, TRY OUR CHISEL-TOOTH EDGER SAW, RECOMMENDED BY ALL THE LEADING MANUFACTURERS OF EDGING MACHINES.

IT IS UNSURPASSED FOR THE PURPOSE, AND IT IS UNNECESSARY EVER TO REMOVE IT FROM THE MACHINE IN ORDER TO SHARPEN.